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TITLE: Composition for protecting corneal epithelium during emergency eye surgery - contains polyethylene oxide in a balanced acetate-nitrate of phosphate buffer

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PATENT-FAMILY:

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ABSTRACTED-PUB-NO: RU 2086217C

BASIC-ABSTRACT:

A composition for protecting corneal epithelium during the emergency eye surgery consists of a 0.5-10 wt.% solution of polyethylene oxide in a balanced acetate-nitrate or phosphate buffer of pH 6.8-7.8. The acetate-nitrate buffer contains (in g/l): sodium chloride 6.15, sodium acetate 3.9, sodium nitrate 1.7 and water the rest, and phosphate buffer contains (in g/l): sodium chloride 8.5, sodium hydrogen phosphate 0.24, sodium dihydrogen phosphate 0.04 and water the rest.

USE - In ophthalmology.

ADVANTAGE - The composition is safer and more effective.

CHOSEN- Dwg.0/0
DRAWING:

TITLE-TERMS: COMPOSITION PROTECT CORNEA EPITHELIUM EMERGENCY EYE SURGICAL
CONTAIN POLYETHYLENE OXIDE BALANCE ACETATE NITRATE PHOSPHATE
BUFFER

DERWENT-CLASS: A25 A96 P32